COMPUTER SCIENCE

Recommended three-year degree path

Courses	Credit Hours	Total Credit Hours
Fall One		
CS142, Introduction to Computer Science and Programming	3	
CS151, Foundations of Computing 1	3	
MA106, Calculus and Analytic Geometry 1	4	
FYS101, First Year Seminar	3	
Foreign Language (1)	4	
Total	17	17
Spring One		
CS248, Object-Oriented Programming and Data Structures	5	
CS252, Foundations of Computing 2	3	
MA107, Calculus and Analytic Geometry 2	4	
FYS102, First Year Seminar	3	
Foreign Language (2)	4	
Total	19	36
Summer One		
GHS (1), Global & Historical Studies	3	
Free electives	3	
Total	6	42
Fall Two		
CS321, Computer Organization	3	
CS333, Database Systems	3	
CS383 (ICR), EPICS 2 Service Learning	3	
Foreign Language (3)	3	
Free electives	3	
CS341 Advanced Data Structures	3	
Total	18	60
Spring Two		
SE361 (SAC), Introduction to Software Engineering	3	
MA215, Linear Algebra	3	
GHS (2), Global & Historical Studies	3	
NW, Natural World	5	
PCA, Perspectives in the Creative Arts	3	

Foreign Language (4)	3	
Total	20	80
Summer Two		
CS411 Internship Practicum (not required, but advised)	1	
Total	1	81
Fall Three		
CS Systems Course (CS430-CS439)	3	
CS473, Topics in Computer Science	3	
CS351 Algorithms	3	
CS485 (WAC), Computer Ethics	1	
SW, Social World	3	
TI, Texts & Ideas	3	
Free elective	3	
Total	19	100
Spring Three		
CS Theory Course (CS440-CS459)	3	
CS452, Parallel Algorithm Design and Programming	3	
PWB, Physical Well-Being	1	
Free electives	2	
Electives numbered 300+	11	
Total	20	120